

IEEE 802.3 motions for consent agenda

IEEE 802 EC

Friday 19 November 2021

**5.043 ME*: IEEE P802.3cs Increased-reach
Ethernet optical subscriber access (Super-PON)
to Standards Association ballot**

IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot

Date the ballot closed

The fourth Working Group recirculation ballot on IEEE P802.3cs draft D2.4 closed on 28 October 2021 at 23:59 AoE

Vote tally

	Initial Draft D2.0			1 st Recirculation Draft D2.1			2 nd Recirculation Draft D2.2			3 rd Recirculation Draft D2.3			4 th Recirculation Draft D2.4			Req %
	#	%	Status	#	%	Status	#	%	Status	#	%	Status	#	%	Status	
Abstain	38	25	PASS	35	21	PASS	39	21	PASS	37	20	PASS	39	20	PASS	< 30
Dis with comment	6	-	-	4	-	-	4	-	-	4	-	-	0	-	-	-
Dis w/o comment	0	-	-	0	-	-	-	-	-	0	-	-	0	-	-	-
Approve	105	94	PASS	121	96	PASS	142	97	PASS	148	97	PASS	153	100	PASS	≥ 75
Ballots returned	149	69	PASS	160	75	PASS	185	87	PASS	189	89	PASS	192	90	PASS	>50
Voters	213	-	-	213	-	-	213	-	-	213	-	-	213	-	-	-
Comments	94	-	-	88	-	-	11	-	-	16	-	-	2	-	-	-

IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot

Comments that support the remaining disapprove votes and responses

None, the draft has 100% approval

Changes to draft prior to Standards Association Ballot

Change the draft number to 3.0

Change the front matter to reference that the draft is for Standards Association ballot

Change the front matter to reflect project will be amendment to under development revision

Change editing instructions to reflect project will be amendment to under development revision

Remove one instance of single quotes around the now defined term "black link"

(i.e., change "...the 'black link' approach" to "...the black link approach ...")

IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot

Motion

Approve sending IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot.

Confirm the CSD for IEEE P802.3cs in <<https://mentor.ieee.org/802-ec/dcn/18/ec-18-0246-00-ACSD-p802-3cs.pdf>>

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote

Y: 98, N: 0, A: 8

**5.044 ME*: IEEE P802.3 (IEEE 802.3dc)
Maintenance #16 (Revision) to Standards
Association ballot (Conditional)**

IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Date the ballot closed

The first Working Group recirculation ballot on IEEE P802.3 (IEEE 802.3dc) draft D2.1 closed on 30 October 2021 at 23:59 AoE

Vote tally

	Initial Draft D2.0			1 st Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	18	12	PASS	18	10	PASS	< 30
Dis with comment	12	-	-	3	-	-	-
Dis w/o comment	0	-	-	0	-	-	-
Approve	127	92	PASS	154	98	PASS	≥ 75
Ballots returned	157	69	PASS	175	77	PASS	>50
Voters	225	-	-	225	-	-	-
Comments	230	-	-	18*	-	-	-

* Includes 3 late comments.

IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Comments that support the remaining disapprove votes and responses

Seven unsatisfied TR comments and two ER comments from three disapprove voters

See <https://www.ieee802.org/3/dc/comments/P8023_D2p1_D2p0_comments_unsatisfied.pdf>

Summary:

Draft 2.1 #12: Reference points for DWDM (Dense Wavelength Division Multiplexing) channel differ from some other optical channels

The DWDM channel reference points are used consistently in the Physical Medium Dependent clause

Draft 2.1 #15: Clarify which PMDs, as listed in a PMA (Physical Medium Attachment sublayer) clause, use the PMD control function

Reference to the PMD clause clarifies whether or not the control function is used

Draft 2.0 #35: Use space as a separator for hexadecimal numbers that are not MAC addresses

Clause 12 'Procedure for conditional approval to forward a draft standard' of IEEE 802 LMSC Operations Manual includes the text 'Where a voter has accepted some comment resolutions and rejected others, only the comments of which the voter has not accepted resolution should be presented.'

IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Summary, continued

Draft 2.0 #38, #43: Eliminate notation used to shorten strings of repeated hexadecimal values

No consensus to make the proposed changes to hexadecimal notation

Draft 2.0 #41, #42: PDF rendering issue

This issue was addressed in Draft 2.1

Draft 2.0 #104, #105: Add receiver jitter tolerance test point

No evidence provided that the additional test point is needed to ensure interoperability and justify the added test time (a similar comment against IEEE P802.3ck was also rejected)

Clause 12 'Procedure for conditional approval to forward a draft standard' of IEEE 802 LMSC Operations Manual includes the text 'Where a voter has accepted some comment resolutions and rejected others, only the comments of which the voter has not accepted resolution should be presented.'

IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Schedule

2nd Working Group recirculation ballot (underway) day one	13 November 2021
2nd Working Group recirculation ballot close	27 November 2021
IEEE P802.3 (IEEE 802.3dc) comment resolution meeting	1 December 2021
3rd Working Group recirculation ballot day one	2 December 2021
3rd Working Group recirculation ballot close	16 December 2021
IEEE P802.3 (IEEE 802.3dc) comment resolution meeting	20 December 2021

Note: 3rd Working Group recirculation ballot only if required

IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Motion:

Conditionally approve sending IEEE P802.3 (IEEE 802.3dc) to Standards Association ballot

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote

Y: 101, N: 2, A: 10

5.045 ME*: IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)

IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)

Date the ballot closed

The initial Working Group ballot on IEEE P802.3dd draft D2.0 closed on 8 November 2021 at 23:59 AoE

Current vote tally

	Initial Draft D2.0			Req %
	#	%	Status	
Abstain	23	17	PASS	< 30
Dis with comment	0	-	-	-
Dis w/o comment	0	-	-	-
Approve	111	100	PASS	≥ 75
Ballots returned	134	59	PASS	>50
Voters	225	-	-	-
Comments	63	-	-	-

IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)

Comments that support the remaining disapprove votes and responses

None, the draft has 100% approval

Schedule

1st Working Group recirculation ballot day one	30 November 2021
1st Working Group recirculation ballot close	15 December 2021
IEEE P802.3dd comment resolution meeting	4 January 2022
2nd Working Group recirculation ballot day one	7 January 2022
2nd Working Group recirculation ballot close	22 January 2022
IEEE P802.3dd comment resolution meeting	25 January 2022

Note: 2nd Working Group recirculation ballot only if required

IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)

Motion:

Conditionally approve sending IEEE P802.3dd to Standards Association ballot

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote

Y: 98, N: 0, A: 8

6.011 MI*: IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group (Third rechartering)

IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group (Third rechartering)

Motion

Grant the 3rd rechartering of the IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote

Y: 93, N: 0, A: 3

6.012 MI*:IEEE 802.3 Greater than
10 Mb/s Long-Reach Single Pair
Ethernet Study Group (First re-chartering)

IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group (First re-chartering)

Motion

Grant the 1st rechartering of the IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote

Y: 79, N: 0, A: 3

7.031 ME*: Reply to ballot comments on ISO/IEC JTC1/SC6 adoption of IEEE Std 802.3cn-2019, IEEE Std 802.3cq-2020, IEEE Std 802.3cm-2020, IEEE Std 802.3ch-2020, IEEE Std 802.3.2-2019, IEEE Std 802.3cv-2021, IEEE Std 802.3cp-2021 and IEEE Std 802.3ct-2021

IEEE 802.3 liaison letter reply to ITU-T SG15 on OTN support of Ethernet clients beyond 400 Gb/s

Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1 SC6 in respect to the comments on ISO/IEC JTC1/SC6 adoption of IEEE Std 802.3cn-2019, IEEE Std 802.3cq-2020, IEEE Std 802.3cm-2020, IEEE Std 802.3ch-2020, IEEE Std 802.3.2-2019, IEEE Std 802.3cv-2021, IEEE Std 802.3cp-2021 and IEEE Std 802.3ct-2021 at the URL <<https://mentor.ieee.org/802-ec/dcn/21/ec-21-0278-00-00EC-liaison-reply-to-china-nb-comments-on-ballots.pdf>> granting the IEEE 802.3 Chair (or his delegate) editorial license

M: Law S: D'Ambrosia

Y: ??, N: ??, A: ??

Working Group vote

Y: 113, N: 0, A: 7